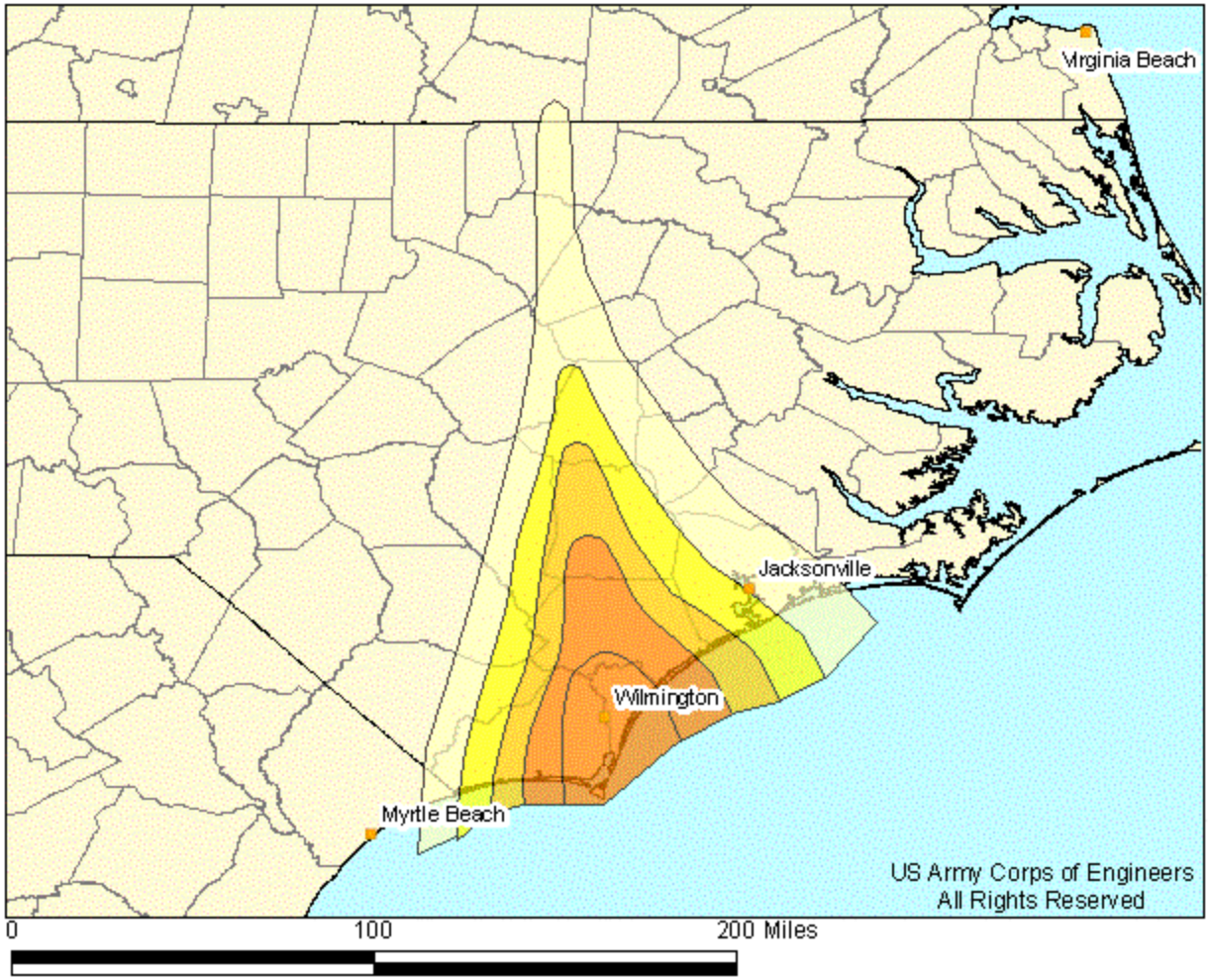
# Hurricane NoName Projected Damage Areas

US Army Corps of Engineers

## Landfall Expected In About **24** Hours

**For Planning Purposes Only!**




### *Post Landfall Projected Damage Areas*

This model is based on a Category 3 storm making landfall near Wilmington, NC.

**Projected Damage Areas**

- CAT 0-type damage
- CAT 1-type damage
- CAT 2-type damage
- CAT 3-type damage
- CAT 4-type damage
- CAT 5-type damage

Information provided on this page displays a Category 3 storm making landfall near Wilmington, NC. These projections are based on information from the NHC (1430 EDT 09/02/2008) forecast.

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

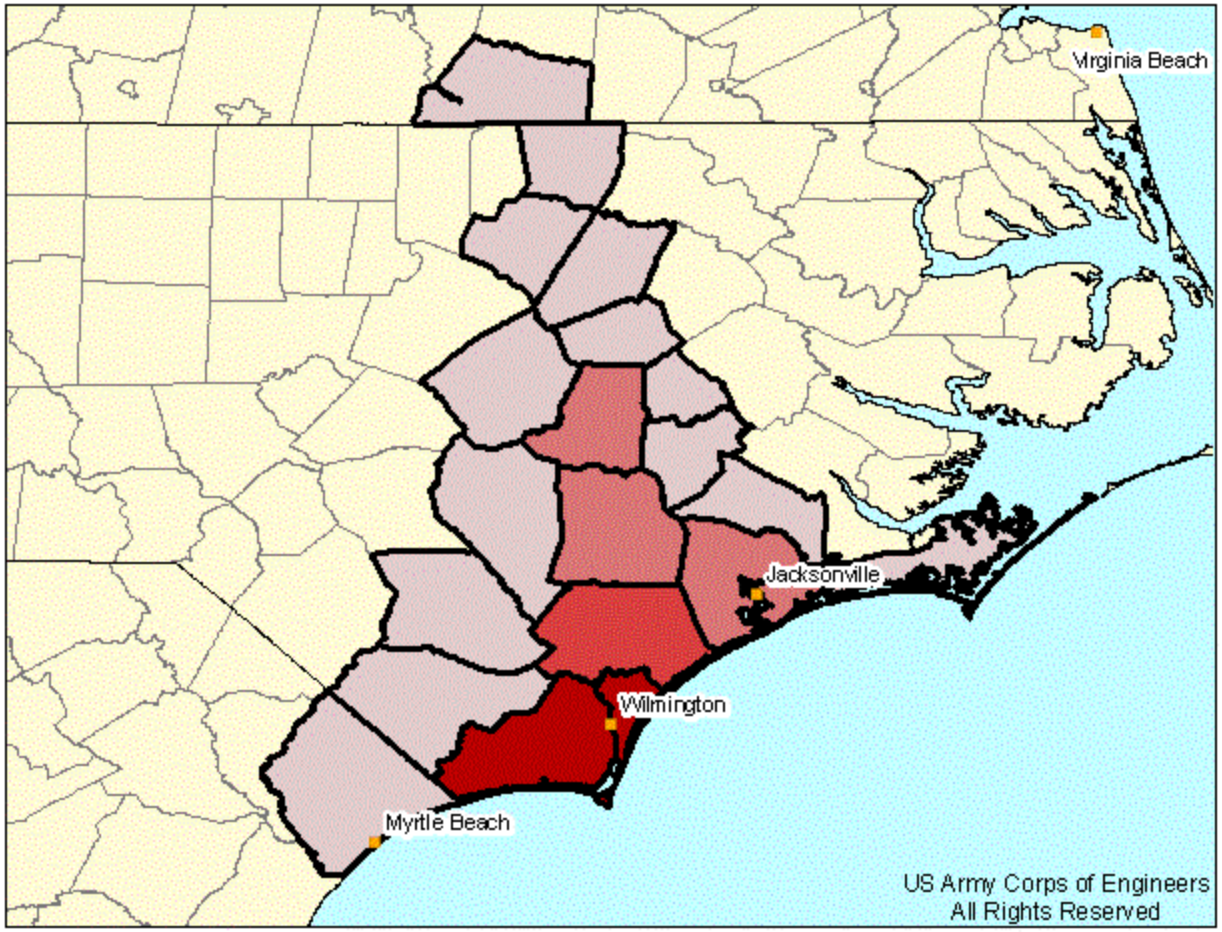
| Hurricane NoName Projected Damage Areas | |
|---|---|
| **Generated By:** Siemsen, LRL 1500 EDT 09/02/2008 | |
| **Sources:** HURREVAC LRL-DEBRIS | Page 1 of 13 |

US Army Corps of Engineers

# Hurricane NoName Debris Model

## Landfall Expected In About **24** Hours

**For Planning Purposes Only!**




### *Post Landfall Debris Model Results*

North Carolina - 10,314,000 Yards
South Carolina - 33,000 Yards
Virginia - 3,000 Yards

*Model results per County on following page*

This model is based on a Category 3 storm making landfall near Wilmington, NC.

**Debris**

- < 100,000 cubic yards
- 100,000 - 249,999 cubic yards
- 250,000 - 499,999 cubic yards
- 500,000 - 999,999 cubic yards
- >1,000,000 cubic yards

Information provided on this page displays a Category 3 storm making landfall near Wilmington, NC. These projections are based on information from the NHC (1430 EDT 09/02/2008) forecast. The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds, but does not include volume that may be covered by private insurance. Debris volume may include storm surge generated debris.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

| Hurricane NoName Debris Model | |
|---|---|
| **Generated By:** Siemsen, LRL 1500 EDT 09/02/2008 | |
| **Sources:** HURREVAC LRL-DEBRIS | Page 2 of 13 |

US Army Corps of Engineers

# Hurricane NoName Debris Model

## Landfall Expected In About 24 Hours

**For Planning Purposes Only!**

| State | Yards per State | County | Yards per County |
|---|---|---|---|
| North Carolina | | Bladen County | 20,000 |
| | | Brunswick County | 1,860,000 |
| | | Carteret County | 9,000 |
| | | Columbus County | 56,000 |
| | | Duplin County | 488,000 |
| | | Franklin County | 15,000 |
| | | Greene County | 3,000 |
| | | Johnston County | 43,000 |
| | | Jones County | 6,000 |
| | | Lenoir County | 28,000 |
| | | Nash County | 25,000 |
| | | New Hanover County | 6,142,000 |
| | | Onslow County | 259,000 |
| | | Pender County | 938,000 |
| | | Sampson County | 89,000 |
| | | Warren County | 15,000 |
| | | Wayne County | 281,000 |
| | | Wilson County | 37,000 |
| North Carolina | 10,314,000 | | |
| | | | |
| South Carolina | | Horry County | 33,000 |
| South Carolina | 33,000 | | |
| | | | |
| Virginia | | Mecklenburg County | 3,000 |
| Virginia | 3,000 | | |

The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds, but does not include volume that may be covered by private insurance. Debris volume may include storm surge generated debris.

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

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**Hurricane NoName Debris Model**

**Generated By:**
Siemsen, LRL 1500 EDT 09/02/2008

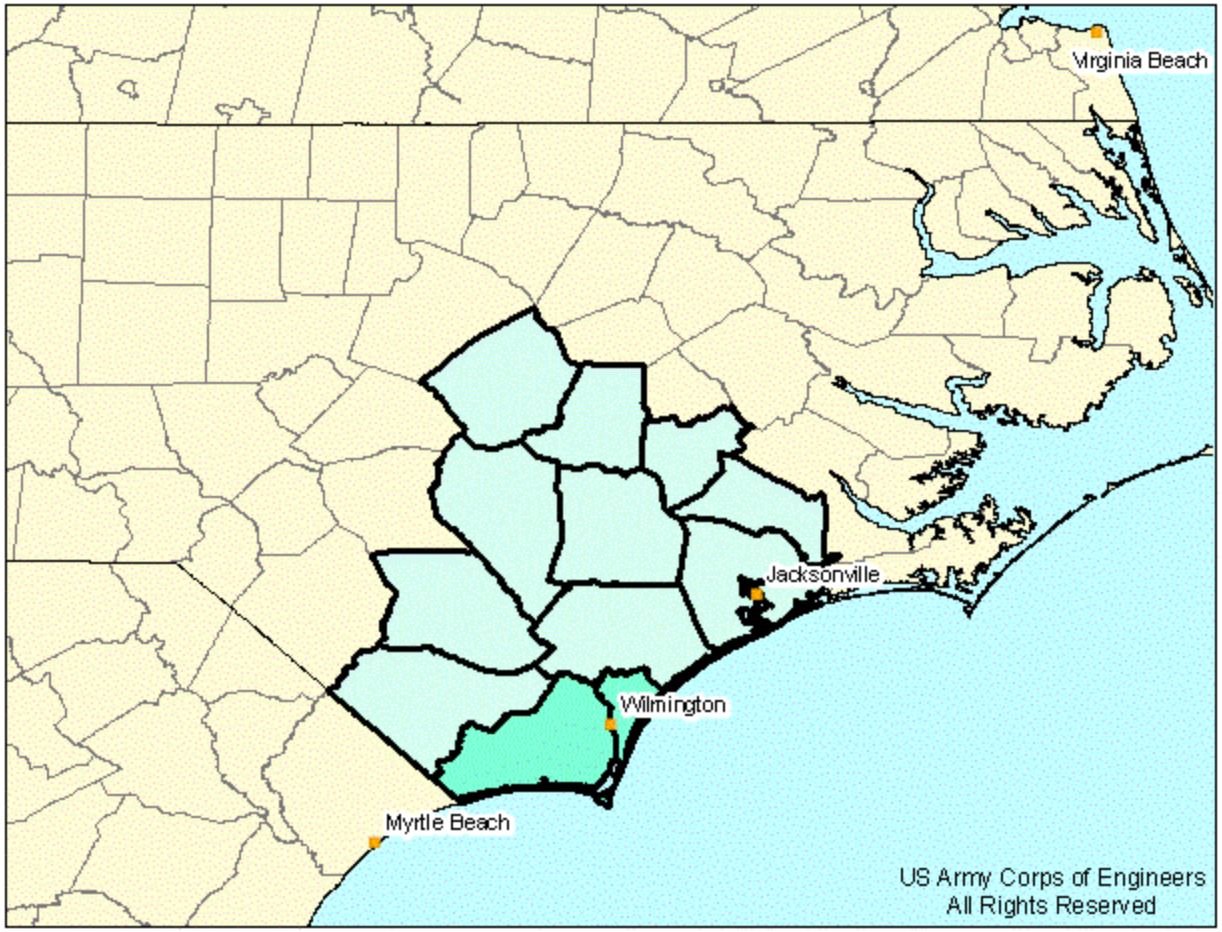
**Sources:**
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

# Hurricane NoName Commodities Model

## Landfall Expected In About **24** Hours

**For Planning Purposes Only!**




### *Post Landfall Water Model Results*

**Day One / Day Two / Day Three**
NC – 8,16,33 Truckloads

*Model results per County on following page*

This model is based on a Category 3 storm making landfall near Wilmington, NC.

**Commodities**

- < 5 Trucks Each
- 5 - 10 Trucks Each
- 11 - 20 Trucks Each
- 21 - 40 Trucks Each
- > 40 Trucks Each

Information provided on this page displays a Category 3 storm making landfall near Wilmington, NC. These projections are based on information from the NHC ***(1430 EDT 09/02/2008)*** forecast. The amount of commodities forecasted is based on Mission Guide Book requirements and SME input. The graphic represents single day needs with full distribution system in place and operating.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

| Hurricane NoName Commodities Model | |
|---|---|
| **Generated By:** Siemsen, LRL 1500 EDT 09/02/2008 | |
| **Sources:** HURREVAC LRL-DEBRIS | Page 4 of 13 |

US Army Corps of Engineers

# Hurricane NoName Commodities Model

## Landfall Expected In About **24** Hours

**For Planning Purposes Only!**

| State | Truckloads per State | County | Truckloads per County |
|---|---|---|---|
| North Carolina | | Bladen County | 1 |
| | | Brunswick County | 5 |
| | | Columbus County | 1 |
| | | Duplin County | 3 |
| | | Johnston County | 1 |
| | | Jones County | 1 |
| | | Lenoir County | 1 |
| | | New Hanover County | 10 |
| | | Onslow County | 2 |
| | | Pender County | 3 |
| | | Sampson County | 1 |
| | | Wayne County | 4 |
| North Carolina | 33 | | |

The amount of commodities forecasted is based on Mission Guide Book requirements and SME input and the above table indicates suggested needs based on phased deployment of a commodities distribution system.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

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**Hurricane NoName Commodities Model**

**Generated By:**
Siemsen, LRL 1500 EDT 09/02/2008

**Sources:**
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

# Hurricane NoName Temporary Roofing Model

## Landfall Expected In About 24 Hours

**For Planning Purposes Only!**

## *Post Landfall Temporary Roofing Model Results*

North Carolina - 12,200

*Model results per County on following page*

This model is based on a Category 3 storm making landfall near Wilmington, NC.

**Temporary Roofing**

- < 2,000 units
- 2,000 - 3,999 units
- 4,000 - 5,999 units
- 6,000 - 9,999 units
- > 10,000 units

Information provided on this page displays a Category 3 storm making landfall near Wilmington, NC. These projections are based on information from the NHC (1430 EDT 09/02/2008) forecast. Temporary roofing is based on 2% in CAT 1, 5% in CAT 2 and 8% in CAT 3.

Details about this model may be obtained at http://www.englinkusace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

| Hurricane NoName Roofing Model | |
|---|---|
| **Generated By:** Siemsen, LRL 1500 EDT 09/02/2008 | |
| **Sources:** HURREVAC LRL-DEBRIS | Page 6 of 13 |

US Army Corps of Engineers

# Hurricane NoName Temporary Roofing Model

## Landfall Expected In About 24 Hours

**For Planning Purposes Only!**

| State | House Units per State | County | House Units per County |
|---|---|---|---|
| North Carolina | | Bladen County | < 100 |
| | | Brunswick County | 2,300 |
| | | Columbus County | < 100 |
| | | Duplin County | 900 |
| | | Johnston County | < 100 |
| | | Lenoir County | < 100 |
| | | New Hanover County | 6,500 |
| | | Onslow County | 300 |
| | | Pender County | 1,400 |
| | | Sampson County | 200 |
| | | Wayne County | 600 |
| North Carolina | 12,200 | | |

Temporary roofing is based on 2% in CAT 1, 5% in CAT 2 and 8% in CAT 3.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

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**Hurricane NoName Roofing Model**

**Generated By:**
Siemsen, LRL 1500 EDT 09/02/2008

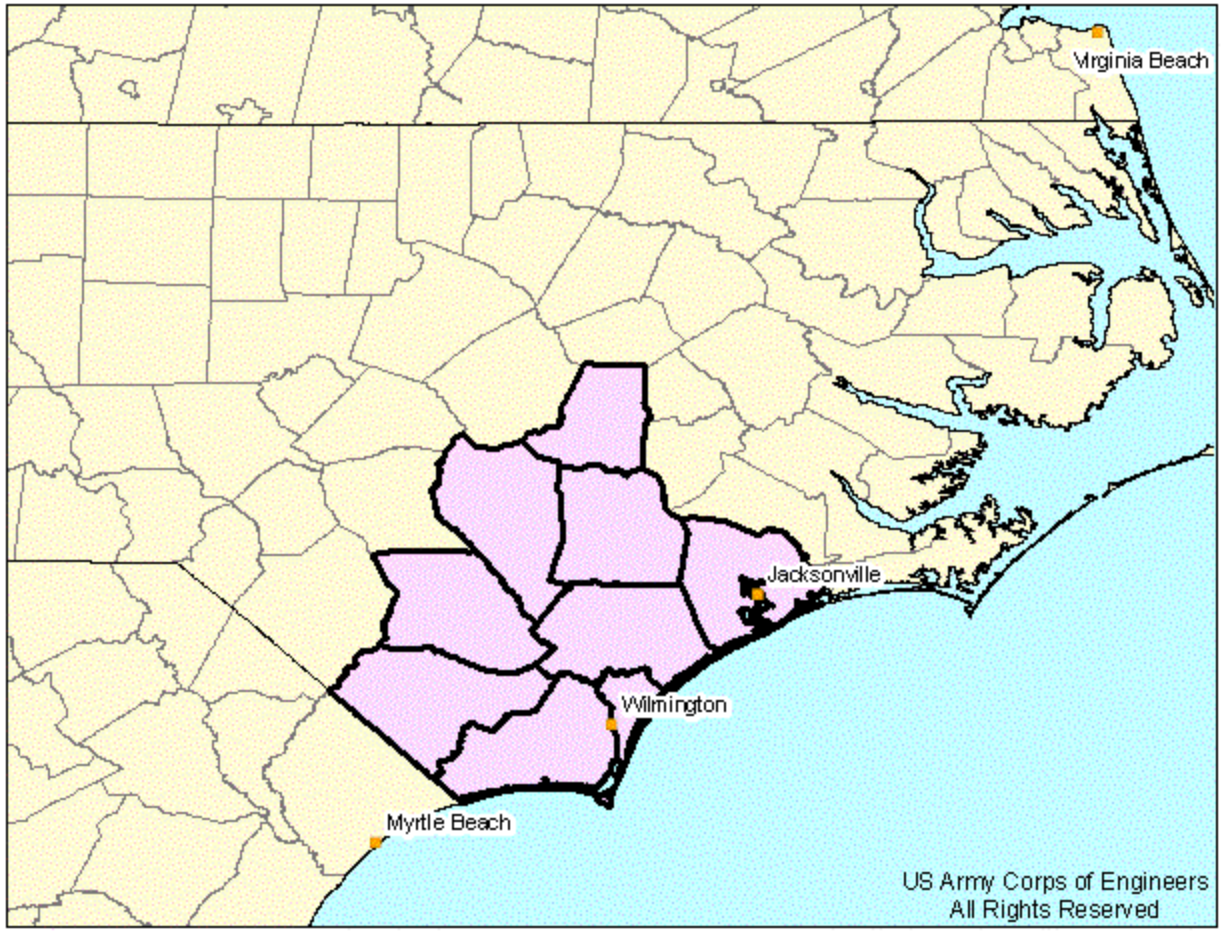
**Sources:**
HURREVAC
LRL-DEBRIS

# Hurricane NoName Temporary Housing Model

US Army Corps of Engineers

## Landfall Expected In About 24 Hours

**For Planning Purposes Only!**




### *Post Landfall Temporary Housing Model Results*

North Carolina - 2,900

*Model results per County on following page*

This model is based on a Category 3 storm making landfall near Wilmington, NC.

**Temporary Housing**

- < 2,000 units
- 2,000 - 3,999 units
- 4,000 - 5,999 units
- 6,000 - 9,999 units
- > 10,000 units

Information provided on this page displays a Category 3 storm making landfall near Wilmington, NC. These projections are based on information from the NHC (1430 EDT 09/02/2008) forecast. Temporary housing is based on 1% in CAT 2 and 2% in CAT 3.

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

| Hurricane NoName Housing Model | |
|---|---|
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| **Sources:** HURREVAC LRL-DEBRIS | Page 8 of 13 |

US Army Corps of Engineers

# Hurricane NoName Temporary Housing Model

## Landfall Expected In About 24 Hours

**For Planning Purposes Only!**

| State | House Units per State | County | House Units per County |
|---|---|---|---|
| North Carolina | | Bladen County | < 100 |
| | | Brunswick County | 600 |
| | | Columbus County | < 100 |
| | | Duplin County | 200 |
| | | New Hanover County | 1,700 |
| | | Onslow County | < 100 |
| | | Pender County | 400 |
| | | Sampson County | < 100 |
| | | Wayne County | < 100 |
| North Carolina | 2,900 | | |

Temporary housing is based on 1% in CAT 2 and 2% in CAT 3.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

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**Hurricane NoName Housing Model**

**Generated By:**
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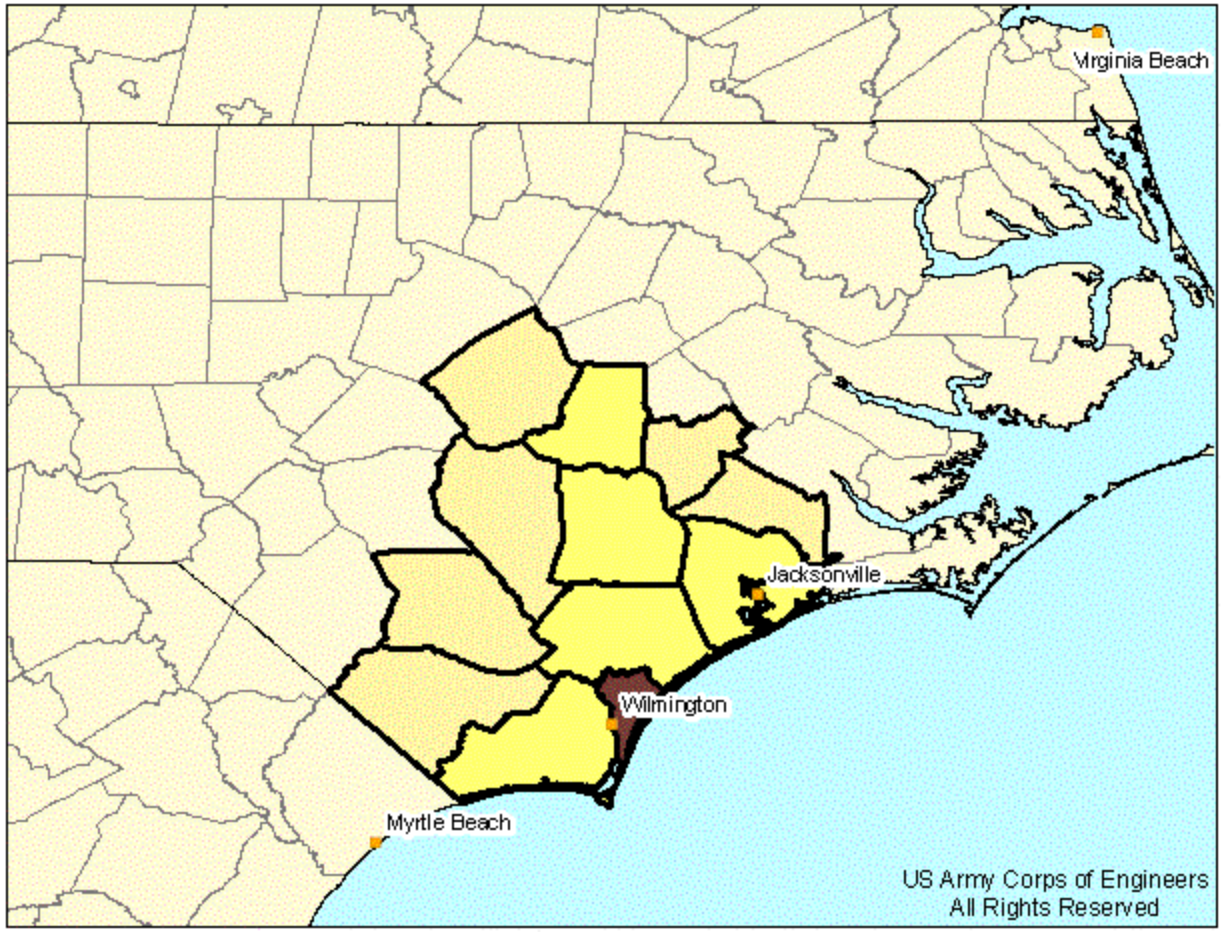
**Sources:**
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

# Hurricane NoName Population Model

## Landfall Expected In About 24 Hours

**For Planning Purposes Only!**




### *Post Landfall Results – Resident Population Within Hurricane Force Winds*

North Carolina - 504,000

*Model results per County on following page*

This model is based on a Category 3 storm making landfall near Wilmington, NC.

**Population**

- < 25,000 persons
- 25,000 - 99,999 persons
- 100,000 - 174,999 persons
- 175,000 - 249,999 persons
- > 250,000 persons

Information provided on this page displays a Category 3 storm making landfall near Wilmington, NC. These projections are based on information from the NHC (1430 EDT 09/02/2008) forecast. The numbers of persons included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values adjusted to July 2007 values).

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

| Hurricane NoName Population Model | |
|---|---|
| **Generated By:** Siemsen, LRL 1500 EDT 09/02/2008 | |
| **Sources:** HURREVAC LRL-DEBRIS |  |

US Army Corps of Engineers

# Hurricane NoName Population Model

## Landfall Expected In About **24** Hours

**For Planning Purposes Only!**

| State | Population per State | County | Population per County |
|---|---|---|---|
| North Carolina | | Bladen County | 3,000 |
| | | Brunswick County | 88,000 |
| | | Columbus County | 7,000 |
| | | Duplin County | 52,000 |
| | | Johnston County | 3,000 |
| | | Jones County | < 1,000 |
| | | Lenoir County | < 1,000 |
| | | New Hanover County | 190,000 |
| | | Onslow County | 30,000 |
| | | Pender County | 50,000 |
| | | Sampson County | 13,000 |
| | | Wayne County | 68,000 |
| North Carolina | 504,000 | | |

The number of persons estimated to be within the hurricane force winds comes from Census 2000 values adjusted to July 2007 values.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

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**Hurricane NoName Population Model**

**Generated By:**
Siemsen, LRL 1500 EDT 09/02/2008

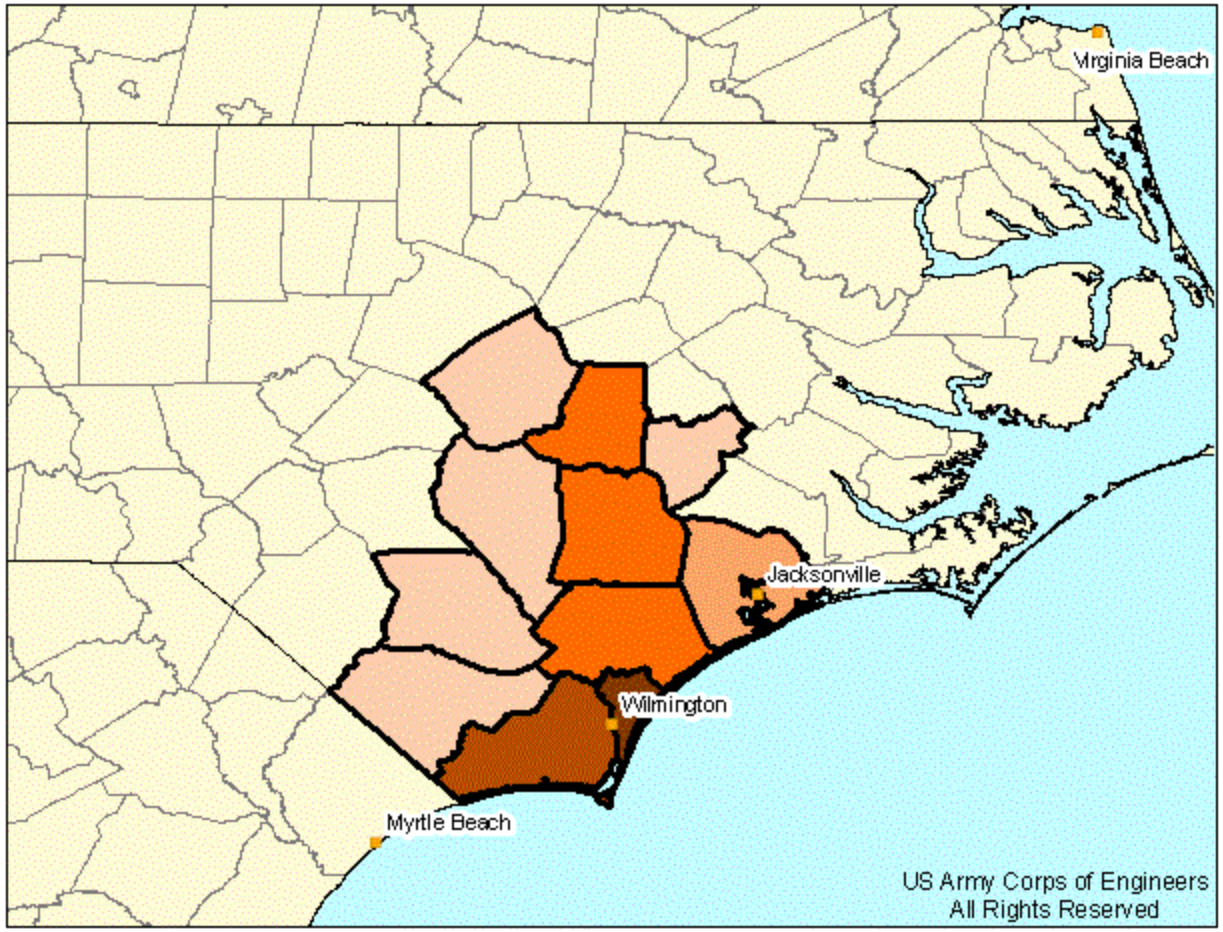
**Sources:**
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

# Hurricane NoName Households Model

## Landfall Expected In About 24 Hours

**For Planning Purposes Only!**




### *Post Landfall Results – Resident Households Within Hurricane Force Winds*

North Carolina - 202,000

*Model results per County on following page*

This model is based on a Category 3 storm making landfall near Wilmington, NC.

**Households**

- < 7,500 households
- 7,500 - 14,999 households
- 15,000 - 24,999 households
- 25,000 - 49,999 households
- > 50000 households

Information provided on this page displays a Category 3 storm making landfall near Wilmington, NC. These projections are based on information from the NHC (1430 EDT 09/02/2008) forecast. The numbers of households included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values adjusted to July 2007 values).

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

| Hurricane NoName Households Model | |
|---|---|
| **Generated By:** Siemsen, LRL 1500 EDT 09/02/2008 | |
| **Sources:** HURREVAC LRL-DEBRIS | Page 12 of 13 |

US Army Corps of Engineers

# Hurricane NoName Households Model

## Landfall Expected In About **24** Hours

**For Planning Purposes Only!**

| State | Households per State | County | Households per County |
|---|---|---|---|
| North Carolina | | Bladen County | < 1,000 |
| | | Brunswick County | 37,000 |
| | | Columbus County | 3,000 |
| | | Duplin County | 20,000 |
| | | Johnston County | < 1,000 |
| | | Lenoir County | < 1,000 |
| | | New Hanover County | 81,000 |
| | | Onslow County | 11,000 |
| | | Pender County | 20,000 |
| | | Sampson County | 5,000 |
| | | Wayne County | 25,000 |
| North Carolina | 202,000 | | |

The number of households estimated to be within the hurricane force winds comes from Census 2000 values adjusted to July 2007 values.

Details about this model may be obtained at http://www.enqlink.usace.army.mil
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**Hurricane NoName Households Model**

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LRL-DEBRIS